@PFDesktop\::ODMA/MHODMA/HBSR05;iManage;586031;1 SGD/SCK/ps(wlm)

11/09/05

PATENT APPLICATION
Docket No.: 2478.1002-016

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicants:

Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang

Qiao, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann

blication No.:

10/797,244

Group:

1624

Filed:

March 10, 2004

Examiner:

Venkataraman Balasubramanian

Confirmation No.:

2987

For:

MODULATORS OF TNF-α SIGNALING

### CERTIFICATE OF MAILING OR TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

11/17/05

Typed or printed name of person signing certificate

## REQUEST FOR CORRECTION/AMENDMENT OF INVENTORSHIP

UNDER 37 C.F.R. §1.48(a) AND 37 C.F.R. §1.48(b)

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

### 37 C.F.R. § 1.48(b)

Applicants request that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to delete Bradford H. Hirth and Shuang Qiao as inventors under 37 C.F.R. § 1.48(b).

The deletion of Bradford H. Hirth and Shuang Qiao as a co-inventor is the result of the amendment to the claims. The inventors' invention is no longer being claimed in the instant nonprovisional application.

A check for the processing fee as set forth in 37 C.F.R. § 1.17(i) in the amount of \$130.00 is enclosed.

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### 37 C.F.R. § 1.48(a)

Applicants request that the inventorship be corrected and the above-captioned application, including page 1 of the specification, be amended to add Andrew Janjigian as inventor under 37 C.F.R. § 1.48(a).

Enclosed herewith are the following documents: Statement under 37 CFR §1.48(a)(2) by Andrew Janjigian; an executed Declaration by the actual inventors as required by §1.63; Written Consent of the Assignee to the inventorship change with Statement under §3.73(b); and a check in the amount of \$130.00 in payment of the processing fee as set forth in §1.17(i).

With such amendments, Scott F. Sneddon, John L. Kane, Fred Vinick, Sharon R. Nahill, John M. Williams, Hans-Peter Biemann and Andrew Janjigian are the joint inventors of the subject application.

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380. A copy of this letter is enclosed for accounting purposes.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

Steven G. Davis

Registration No.: 39,652 Telephone: (978) 341-0036

Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date:

November 17-200.

SGD/SCK/ps(wlm) November 11, 200

HE UNITED STATES PATENT AND TRADEMARK OFFICE

Scott F. Sneddon, John L. Kane, Bradford H. Hirth, Fred Vinick, Shuang

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idemark Office on

Date

Signature

SADDRA BEIGHAM

Typed or printed name of person signing certificate

STATEMENT UNDER 37 C.F.R. § 1.48(a)(2) by Andrew Janjigian

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

I, Andrew Janjigian, 33 Lawrence Street #2, Cambridge, Massachusetts 02139, hereby state that I am a co-inventor with Scott F. Sneddon, John L. Kane, Fred Vinick, Sharon R. Nahill, John M. Williams and Hans-Peter Biemann of the subject matter claimed in the above-captioned application as filed. The error of omitting my name as a co-inventor occurred without deceptive intention on my part.

ame

Date

@PFDesktop\::ODMA/MHODMA/HBSR05;iManage;585947;1 SGD/SCK/ps(wlm)

11/11/05



### IN THE UNITED STATES PATER PARE TRADEMARK OFFICE

Applicants:

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(1) 17/09

Signature

Typed or printed name of person signing certificate

## WRITTEN CONSENT OF ASSIGNEE IN CORRECTION OF INVENTORSHIP UNDER 37 C.F.R. §1.48(a)(5)

Mail Stop Issue Fee Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Genzyme Corporation is the assignee of the entire right, title and interest in the referenced patent application and does hereby consent to the addition of Andrew Janjigian as an inventor in the application.

A Statement under 37 C.F.R. § 3.73(b) is being filed concurrently with this Written Consent.

Respectfully submitted,

Thomas J. DesRosier

By

Senior Vice President, General Counsel

Genzyme Corporation

Cambridge, Massachusetts 02142

Date: November 14, 2005

## STATEMENT UNDER 37 C.F.R. § 3.73(b)

Inven		nd Hans-Peter Biemann
—— Appli		/Patent No.: 10/797,244 Filed/Issue Date: March 10, 2004
For: _		MODULATORS OF TNF-α SIGNALING
		Genzyme Corporation , a corporation , (Name of Assignee) , (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)
states	that it is	
Α.	[X]	the assignee of the entire right, title and interest in the patent application identified above; or
В.	[]	an assignee together with [ ] of the entire right, title and interest in the patent application identified above.
The r	ight, title a	and interest of the above-named assignee in the patent application identified above is established by virtue of:
Α.	[ X ]	An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel <u>012163</u> , Frames <u>0001-0006</u> , or a copy thereof is attached.
OR		
В.	[ ]	A chain of title from the inventor(s) of the patent application identified above, to the current assignee as shown below:
	1.	From: To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.
	2.	From: To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.
	3.	From: To: The document was recorded in the United States Patent and Trademark Office at Reel, Frame, or a copy thereof is attached.
	[ ] A	dditional documents in the chain of title are listed on a supplemental sheet.
The u		d (whose title is supplied below) is authorized to act on behalf of the assignee.
Name	:	Thomas J. DesRosier
Title:		Senior Vice President, General Counsel
_		November 14, 2005

SGD/SCK/ps(y/m) 11/09/05 PATENT APPLICATION Docket No.: 2478.1002-016

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Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

 $\mathrm{By}_{-}$ 

Steven G. Davis

Registration No.: 39,652 Telephone: (978) 341-0036 Facsimile: (978) 341-0136

Concord, MA 01742-9133

Date: November 17-200.



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### **Declaration for Patent Application**

[X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

	MODULATORS OF TNF-α SIGNALING	•
the spe	ecification of which (check one)	
[]	is attached hereto.	
[X]	was filed on March 10, 2004 as United States Application Number 10/797,244.	
[]	was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [and assigned United States Application No. [ ]].	
[]	and was amended on [ ] (if applicable).	
includ	I hereby state that I have reviewed and understand the contents of the above-identified specification,	

including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

	Prior I	foreign Application(s)	N	ority ot imed			ified Filed N	1?
(Number)	(Country)	(Day/Month/Year filed)	] _	3	Į	]	ĺ	]
(Number)	(Country)	(Day/Month/Year filed)	. [	]	Ţ	J	Į	]
(Number)	(Country)	(Day/Month/Year tiled)	. [	]	Į	]	ſ	1

-2-

Full name of sole or first inventor Inventor's Signature Residence: City State  Salem Massachusetts  Mailing Address (Business or Residential) Street or P.O. Box 38 Washington Square South City State  Salem Massachusetts  Full name of second joint inventor, if any Inventor's Signature  Parideness City	Country USA  ZIP 01970	Citizenship USA  Country USA
Residence: City  State  Salem  Massachusetts  Mailing Address (Business or Residential)  Street or P.O. Box  38 Washington Square South  City  State  Salem  Massachusetts  Full name of second joint inventor, if any  Inventor's Signature	USA ZIP	Country
Salem Massachusetts  Mailing Address (Business or Residential) Street or P.O. Box 38 Washington Square South  City State  Salem Massachusetts  Full name of second joint inventor, if any Inventor's Signature	USA ZIP	Country
Mailing Addross (Business or Residential)  Street or P.O. Box 38 Washington Square South  City State  Salem Massachusetts  Full name of second joint inventor, if any John L. Kane  Inventor's Signature	ZIP	Country
City State  Salem Massachusetts  Full name of second joint inventor, if any Inventor's Signature		Country
City State  Salem Massachusetts  Full name of second joint inventor, if any John L. Kane  Inventor's Signature		
Full name of second joint inventor, if any John L. Kane Inventor's Signature		
Full name of second joint inventor, if any John L. Kane Inventor's Signature	01970	USA
John L. Kane Inventor's Signature		
Davidson and City		
Residence: City State	Country	Citizenship
Maynard Massachusetts	USA	USA
Mailing Address (Business or Residential) Street or P.O. Box 10 O'Moore Avenue		
Clty State	ZIP	Country
Mayoard Massachusetts	01754	USA
Full name of third juint inventor, if any Fred Vinick Inventor's Signature		
Residence: City State	Country	Citizenship
Lexington Massachusetts	USA	USA
Mailing Address (Business or Residential) Street or P.O. Box 5 Litchfield Road		
City State	ZIP	Country
Lexington Massachusens	02420	USA
Full name of fourth joint inventor, if any Sharon R. Nahill Inventor's Signature		
Residence: City State	Country	Citizenship
Belmont Massachusetts		
Mailing Address (Business or Residential) Street or P.O. Box 21 Vincent Avenue		- WAL
City State	ZIP	Country
Belmont Massachusetts	02478	USA
Full name of fourth joint inventor, if any Sharon R. Nahill Inventor's Signature Residence: City State Belmont Massachusetts Mailing Address (Business or Residential) Street or P.O. Box 21 Vincent Avenue City State	Country USA	

Full name of fifth joint inventor, if any	John M. Williams		
Inventor's Signature			·
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 8 Stonegate Road		
City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA
Full name of sixth joint inventor, if any	Hans-Peter Biemann		
Inventor's Signature			· · · · · · · · · · · · · · · · · · ·
Residence: City	. State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Busi Street or P.O. Box	ness or Residential) 987 Memorial Drive, #572		
City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA
Full name of seventh joint inventor, if any	Andrew Janjigian		
Inventor's Signature	· · · · · · · · · · · · · · · · · · ·		
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Busi Street or P.O. Box	ness or Residential) 33 Lawrence Street, #2		
City	State	ZIP	Country
Cambridge	Massachusetts	02139	USA
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DOCKET NO. 2478.1002-016

### UNITED STATES PATENT AND TRADEMARK OFFICE

### **Declaration for Patent Application**

[X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

*	<u>Prí</u>	Prior Foreign Application(s)		Priority Not Claimed		Certi Copy I YES		
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Full name of sole or first inventor	Scott	F. Sneddon		
Inventor's Signature				
Residence: City		State	Country	Citizenship
Salem		Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box		r Residential) ashington Square South		
City		State	ZIP	Country
Salem		Massachuseπs	01970	USA
Full name of second joint inventor, if any	John l	L. Kane		
Inventor's Signature		-42		
Residence: City		6 State	Country	Citizenship
Maynard		Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box		Residential) Moore Avenue		·
City		State	ZIP	Country
Maynard		Massachusetts	01754	USA
Full name of third joint inventor, if any Inventor's Signature	Fred	/inick		
joint inventor, if any	Fred	/inick State	Country	Citizenship
joint inventor, if any Inventor's Signature	Fred		Country USA	Citizenship USA
joint inventor, if any Inventor's Signature Residence: City	iness or	State Massachusetts		Y
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus	iness or	State  Massachusetts  Residential)		Y
Inventor's Signature Residence: City  Lexington  Mailing Address (Bus Street or P.O. Box	iness or	State Massachusetts Residential) hfield Road	USA	USA
joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington  Full name of fourth joint inventor, if any	iness or 5 Lite	State  Massachusetts  Residential)  hfield Road  State	USA	USA
Joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington  Full name of fourth joint inventor, if any Inventor's Signature	iness or 5 Lite	State  Massachusetts  Residential) hfield Road  State  Massachusetts	USA ZIP 02420	Country USA
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Joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington  Full name of fourth joint inventor, if any Inventor's Signature	iness or 5 Litel Sharor	State  Massachusetts  Residential)  hfield Road  State  Massachusetts  a.R. Nahill  State  Massachusetts	USA ZIP 02420	Country USA
Joint inventor, if any Inventor's Signature Residence: City Lexington Mailing Address (Bus Street or P.O. Box City Lexington  Full name of fourth joint inventor, if any Inventor's Signature Residence: City Belmont Mailing Address (Bus	iness or 5 Litel Sharor	State  Massachusetts  Residential)  hfield Road  State  Massachusetts  a.R. Nahill  State  Massachusetts  Residential)	ZIP 02420  Country	Country USA  Citizenship
Joint inventor, if any Inventor's Signature Residence: City  Lexington  Mailing Address (Bus Street or P.O. Box City Lexington  Full name of fourth joint inventor, if any Inventor's Signature Residence: City  Belmont  Mailing Address (Bus Street or P.O. Box	iness or 5 Litel Sharor	State  Massachusetts  Residential) hfield Road  State  Massachusetts  A.R. Nahill  State  Massachusetts  Residential) acent Avenue	USA  ZIP 02420  Country USA	Country USA  Citizenship USA

Full name of fifth joint inventor, if any	John M. Williams		
Inventor's Signature	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
Residence: City	State	Country	Citizenship
Hopkinton	Massachuse	etts USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 8 Stonegate Road		
City	State	ZIP	Country
Hopkinton	Massachuset	tts 01748	USA
		•	
Full name of sixth joint inventor, if any	Hans-Peter Biemann		
Inventor's Signature			•
Residence: City	State	Country	Citizenship
Cambridge	Massachuse	tts USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 987 Memorial Drive, #5	72	
City	State	ZIP	Country
Cambridge	Massachuse	tts 02138	USA
	·		
Full name of seventh joint inventor, if any	Andrew Janjigian		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Cambridge	Massachuset	tts USA	USA
Mailing Address (Busi Street or P.O. Box	iness or Residential) 33 Lawrence Street, #2	*	
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<sup>@</sup>PFDesktop\::ODMA/MHODMA/HBSR05;iManage;586187;1

application.

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(Number)	(Country)	(Day/Month/Year filed)	[	]	Ţ	1.	ſ	1.

11/16/05 14:57 FAX

Pull name of sole or first inventor	Scou P. Sneddon						
laventor's Signature							
Residence: City	State	Country	Citizenship				
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Mailing Address (Bus Street of P.O. Box	Mailing Address (Business or Residential) Street of P.O. Box 38 Washington Square South						
City	State	ZIP	Country				
Salem	Massachusetts	01970	USA				
Full name of second joint inventor, if any	John L. Kane						
Inventor's Signature							
Residence: City	State	Country	Cinzenship				
Maypard	Massachosem	USA	ARU				
Mailing Address (But Street or P.O. Box	siness of Residential) 10 O'Moore Avenuc						
City	State	ZIP	Country				
Maynard	Massachusetta	01754	USA				
Full name of third joint inventor, if any		1					
Inventor's Signature	State	Country	Citizenship				
Residence: City	Massachusens	USA	USA				
Mailing Address (Bu Street or P.O. Box	sinoss or Residential) 5 Litchfield Road						
City	State	ZIP	Country				
Lexington	Massachusetts	07420	USA				
Full name of fourth Joint inventor, if any Inventor's Signature	Sharon R. Nahili						
Residence: City	State	Country	Citizenship				
Belment	Massachusetts	USA	USA				
	nsiness or Residontial) 21 Vincent Avenue						
City	State	ZIP	Country '				
Belmont	Massachusetts	02478	USA				

		<del></del>	
Full name of fifth joint inventor, if any	John M. Williams		
Inventor's Signature			
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My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

# the specification of which (check one) [] is attached hereto. [X] was filed on March 10, 2004 as United States Application Number 10/797,244. [] was filed on [PCT Filing Date] as PCT International Application No. [PCT Appl'n No.] [and assigned United States Application No. []]. [] and was amended on [] (if applicable). [] I hereby state that I have reviewed and understand the contents of the above-identified specification.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. §1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application.

*	<u>Prio</u>	r Foreign Application(s)	Priority Not Claims		Certi opy I	Filed	17
(Number)	(Country)	(Day/Month/Year filed)	[ ]	į	)	ĺ	]
(Number)	(Country)	(Day/Month/Year filed)	[ ]	[	. ]	Į	]
(Number)	(Country)	(Day/Month/Year filed)	[ ]	Ţ	1	ſ	1

-2-

Full name of sole or first inventor	Scott F. Sneddon		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Salem	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	siness or Residential)  38 Washington Square South		
City	State	ZIP	Country
Salem	Massachusetts	01970	USA
	·		
Full name of second joint inventor, if any	John L. Kane		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Maynard	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 10 O'Moore Avenue		
City	State	ZIP	Country
Maynard	Massachusetts	01754	USA
Full name of third joint inventor, if any Inventor's Signature	Fred Vinick		
Residence: City	State	Country	Citizenship
Lexington	Massachusetts	USA	USA
Mailing Address (Business or P.O. Box	iness or Residential) 5 Litchfield Road		
City	State	ZIP	Country
Lexington	Massachusetts	02420	USA .
joint inventor, if any Inventor's Signature	Sharpa R. Nahill  Mayon K. Mah	il	
Residence: City	State	Country	Citizenship
Belmont	Massachusetts	USA	USA
Mailing Address (Busi Street or P.O. Box	ness or Residential) 21 Vincent Avenue		
City	\ <u>_</u>	#	
	State	ŽIP	Country
Belmont	State  Massachusetts	02478	Country USA

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Full name of fifth joint inventor, if any	John M. Williams		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	•		
City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA
-			
Full name of sixth joint inventor, if any	Hans-Peter Biemann		
Inventor's Signature		•	
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA .
Mailing Address (Bus Street or P.O. Box	iness or Residential) 987 Memorial Drive, #572		
City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA
Full name of seventh joint inventor, if any	Andrew Janjigian		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 33 Lawrence Street, #2		
City	State	ZIP	Country
Cambridge	Massachusetts	02139	USA
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DOCKET NO. 2478.1002-016

### THE ENITED STATES PATENT AND TRADEMARK OFFICE

### Declaration for Patent Application

[X] Supplemental (37 C.F.R. §1.67)

As a named inventor, I hereby declare that:

My residence, mailing address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 2 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

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· .	<u>Prior</u>	Prior Foreign Application(s)		Priority Not Claimed		Certifi Copy F YES		l? IO	
(Number)	(Country)	(Day/Month/Year filed)	[	1	ĺ	}	ſ	]	
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(Number)	(Country)	(Day/Month/Year filed)	[	] .	[	1	ſ	1	

Full name of sole or first inventor Se	cott F. Sneddon		*
Inventor's Signature	· .		•
Residence: City	· State	Country	Citizenship
Salem	Massachusetts	USA	USA
Mailing Address (Busines Street or P.O. Box 38	ss or Residential) 3 Washington Square South		
City	State	ZIP	Country
Salem	Massachusetts	01970	USA
÷			
Full name of second joint inventor, if anyJo	shn L. Kane		
Inventor's Signature	·	·	
Residence: City	State	Country	Citizenship
Maynard	Massachusetts	USA	USA
Mailing Address (Busines Street or P.O. Box 10	ss or Residential) O'Moore Avenue	· · · · · · · · · · · · · · · · · · ·	
City	State	ZIP	Country
Maynard	Massachusetts	01754	USA
· · · · · · · · · · · · · · · · · · ·			
Full name of third joint inventor, if any Fr	ed Vinick		
Inventor's Signature	*		
Residence: City	State	Country	Citizenship
Lexington	Massachusetts	USA	USA
Mailing Address (Busines Street or P.O. Box 5	s or Residential) Litchfield Road		
City	State	ZIP	Country
Lexington	Massachusetts	02420	USA
			·
Full name of fourth joint inventor, if any Sh	aron R. Nahill		
Inventor's Signature		<u>-</u>	
Residence: City	State	Country	Citizenship
Belmont	Massachusetts	USA	USA
Mailing Address (Busines Street or P.O. Box 21	s or Residential) Vincent Avenue		
City	State	ZIP	Country
Belmont	Massachusetts	02478	USA

oint inventor, if any <u>Joh</u>	n M. Williams		
Inventor's Signature	John M William	·	
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Business Street or P.O. Box 8 St	or Residential) conegate Road	ı	
City	State	ZIP	Country
Hopkinton	Massachusetts	01748	USA
Full name of sixth joint inventor, if any Han Inventor's Signature	s-Peter Biemann		
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
	or Residential) Memorial Drive, #572		
Mailing Address (Business Street or P.O. Box 987		ZIP	Country
Street or P.O. Box 987	Mcmorial Drive, #572	ZIP 02138	Country
City  Cambridge  Full name of seventh joint inventor, if any And	Memorial Drive, #572 State		
City  Cambridge  Full name of seventh joint inventor, if any And Inventor's Signature	Memorial Drive, #572 State Massachusetts rew Janjigian	02138	USA
City  Cambridge  Full name of seventh joint inventor, if any And Inventor's Signature  Residence: City	Memorial Drive, #572 State  Massachusetts  rew Janjigian  State	02138  Country	Citizenshi
City  Cambridge  Full name of seventh joint inventor, if any And Inventor's Signature  Residence: City  Cambridge  Mailing Address (Business of	Memorial Drive, #572  State  Massachusetts  rew Janjigian  State  Massachusetts	02138	USA
Street or P.O. Box 987  City  Cambridge  Full name of seventh joint inventor, if any And Inventor's Signature  Residence: City  Cambridge  Mailing Address (Business of	Memorial Drive, #572  State  Massachusetts  rew Janjigian  State  Massachusetts  or Residential)	02138  Country	Citizenshi

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DOCKET NO.\_2478.1002-016

### ITED STATES PATENT AND TRADEMARK OFFICE

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	<u>Pr</u>	Prior Foreign Application(s)		ority ot imed		Cert Copy ES	Filed	
(Number)	(Country)	(Day/Month/Year filed)	. [	]	Į	1	[	]
(Number)	(Country)	(Day/Month/Year filed)	Į	]	ι	J	ĺ	. J
(Number)	(Country)	(Day/Month/Year filed)	. [	]	ĺ	1	٦	1

Full name of sole or first inventor	Scott F. Sneddon		:
Inventor's Signature			· · · · · · · · · · · · · · · · · · ·
Residence: City	State	Country	Citizenship
Salem	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	siness or Residential) 38 Washington Square South		
City	State	ZIP	Country
Salem	Massachusetts	01970	USA
Full name of second joint inventor, if any	John L. Kane		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Maynard	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	iness or Residential) 10 O'Moore Avenue		
City	State	ZIP	Country
Maynard	Massachusetts	01754	USA
Full name of third joint inventor, if any	Fred Vinick		
Inventor's Signature		*	
Residence: City	State	Country	Citizenship
Lexington	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	siness or Residential) 5 Litchfield Road		8.
City	State	ZIP	Country
Lexington	Massachusetts	02420	USA
•	·. `	•	
Full name of fourth joint inventor, if any	Sharon R. Nahill		
Inventor's Signature		<u> </u>	
Residence: City	State	Country	Citizenship
Belmont	Massachusetts	USA	USA
Mailing Address (Bus Street or P.O. Box	siness or Residential) 21 Vincent Avenue		
City	State	ZIP	Country
Belmont	Massachusetts	02478	USA
		•	

-3-

Full name of fifth joint inventor, if any <u>Jo</u>	hn M. Williams		
Inventor's Signature			
Residence: City	State	Country	Citizenship
Hopkinton	Massachusetts	USA	USA
Mailing Address (Busines Street or P.O. Box 8 5	s or Residential) Stonegate Road		
City	. State	ZIP	Country
Hopkinton	Massachusetts	01748	USA
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· —	ins-Peter Biemann		
Inventor's Signature	Hore		
Residence: City	State	Country	Citizenship
Cambridge	Massachusetts	USA	USA
Mailing Address (Busines Street or P.O. Box 98	s or Residential) 7 Memorial Drive, #572		
City	State	ZIP	Country
Cambridge	Massachusetts	02138	USA
· · · · · · · · · · · · · · · · · · ·	ndraw Jaguinian		·
Inventor's Signature	1		
Residence: City	Share	Country	Citizenship
Cambridge	Massachusotts	USA	USA
Mailing Address (Business Street or P.O. Box 33	s or Residential) Luwrence Street, #2	-	· · · · · · · · · · · · · · · · · · ·
City	State	ZIP	Country
Cambridge	Massachusetts	02139	USA
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